## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L2	1	10/591297	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L3	2	"5232062".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OX	2010/10/01 11:44
L4	109	oscillat\$4 near5 (inner or outer) adj3 rod	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L5	4	(resonator or sensor or transducer) same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L6	13	("5973415").URPN.	USPAT	OR	ON	2010/10/01 11:44
L7	56	(tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2010/10/01 11:44
L8	4	oscillat\$4 near5 (tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2010/10/01 11:44
L9	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L10	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L11	34	("20020101253"   "3170094"   "3378794"   "3385104"   "4633119"   "4740726"   "5232062"   "5531126"   "5808397"   "5513280"   "597315"   "6094971"   [6404209"   "6658946"   "6914555"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L12	2	"4740726".pn.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L13	1	10/591297	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L14	46	("5531126").URPN.	USPAT	OR	ON	2010/10/01 11:44
L15	2	(measur\$4 or determin \$4 or evaluat\$4) near5 "fill level" near5 (viscosity and density) near5 (container or tube or pipe or vessel)	US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L16	2	("20050140522"   "5533381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/01 11:44
L17	7	("5533381").URPN.	USPAT	OR	ON	2010/10/01 11:44
L18	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L19	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	00 	2010/10/01 11:44
L20	2	"5232062".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L21	0	oscillat\$4 near3 load adj3 (cell or bearing) near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L22	109	oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L23	4	(resonator or sensor or transducer)same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L24	4	(resonator or sensor or transducer) same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L25	13	("5973415").URPN.	USPAT	OR	ON	2010/10/01 11:44
L26	56	(tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2010/10/01 11:44
L27	4	oscillat\$4 near5 (tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2010/10/01 11:44
L28	2	"5813280" pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2010/10/01 11:44

L29	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		2010/10/01 11:44
L30	34	("20020101253"   "3170094"   "3378794"   "3385104"   "4740726"   "4633119"   "4740726"   "5533126"   "5808397"   "5533126"   "6094971"   "6658946"   "6658946"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L31	2	"4740726".pn.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L32	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L33	46	("5531126").URPN.	USPAT	OR	ON	2010/10/01 11:44
L34	4	(resonator or sensor or transducer)same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L35	56	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 (container or tank or vessel or tube or pipe) same (viscosity or density or fill adj3 level)	US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L36	1	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2010/10/01 11:44

L37	1	(oscillat\$4 adj3 rod or tuning adj3 fork) same variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	MOR		2010/10/01 11:44
L38	220	(oscillat\$4 adj3 rod or tuning adj3 fork) same stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L39	4	(oscillat\$4 adj3 rod or tuning adj3 fork) same stiffness same (fluid adj3 flow or flowmeter or flow adj1 meter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L40	401	(oscillat\$4 adj3 rod or tuning adj3 fork) same mechanical adj3 oscillat \$4	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L41	61	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 mechanical adj3 oscillat \$4	US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L42	107	(oscillat\$4 adj3 rod or tuning adj3 fork or rod) near5 mechanical adj3 oscillat\$4	US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	NON	2010/10/01 11:44
L43	5	(oscillat\$4 adj3 rod or tuning adj3 fork or rod) near5 mechanical adj3 oscillat\$4 near5 piezoelectric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L44	17	("5408168").URPN.	USPAT	OR	ON	2010/10/01 11:44
L45	2	"6644116".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L46	2	"7436100".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	NON N	2010/10/01 11:44
L47	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L48	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	William Willia	2010/10/01 11:44
L49	2	"7436100".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	MON Manusanananananananananananananananananan	2010/10/01 11:44
L50	268247	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency same match \$4 resonant near5 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L51	166688	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L52	65600	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	CON	2010/10/01

L53	64981	(tuning or calibrats4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillats4 adj3 rod or rod) near5 temperature near5 chang\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		2010/10/01
L54	64975	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	OR OR	OX	2010/10/01 11:44
L55	0	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4 near5 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L56	0	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4 same (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L57	39	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L58	64	(calibrat\$4 or alter\$4 or chang\$4) near5 stiffness near5 tuning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L59	2	(calibrat\$4 or alter\$4 or chang\$4) near5 stiffness near5 tuning near5 (oscillator or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L60	74	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	MOR	00 	2010/10/01 11:44
L61	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning near5 (alter\$4 or chang\$4) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L62	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning same (alter\$4 or chang\$4) near5 stiffness	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L63	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L64	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning same stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L65	2	"5796011".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L66	914	(chang\$4 or alter\$4 or adjust\$4) near5 (resona \$4 or frequency) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L67	0	\$4 or detect\$4) near5 (chang\$4 or alter\$4 or adjust\$4) near5 (resona	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44

L68	4	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) same (chang\$4 or alter\$4 or adjust\$4) near5 (resona \$4 or frequency) near5 stiffness	FPRS; EPO; JPO;	MOR		2010/10/01 11:44
L69	4	tuning near5 variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L70	2	"7231826".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L71	4	"3553638".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
L72	2	"7072244".pn.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/01 11:44
SI	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 12:22
<b>S</b> 2	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ion i	2009/03/28 12:22
S3	2	"5232062" pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/03/28 21:20

<b>S</b> 5	100	oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	MON Manual Ma Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Manual Ma Manual Manual Manual Manual Manual Manual Manual Manual Manual Ma Ma Manual Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma	2009/03/28 21:26
S10	4	(resonator or sensor or transducer) same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	STATE OF THE STATE	2009/03/28 21:28
S11	12	("5973415").URPN.	USPAT	OR	ON	2009/03/28 21:31
S12	52	(tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2009/03/28 21:36
S13	4	oscillat\$4 near5 (tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2009/03/28 21:36
S14	2	"5813280".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 22:22
S15	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	WON THE PROPERTY OF THE PROPER	2009/03/28 22:22
S16	34	("20020101253"   "3170094"   "3378794"   "3385104"   "4740726"   "4633119"   "4740726"   "5533126"   "5808397"   "5813280"   "5973415"   "6094971"   "46404209"   "6658946"   "6914555").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 22:51
S17	2	"4740726".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/03/28 23:06

S18	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/28 23:51
S19	45	("5531126").URPN.	USPAT	OR	ON	2009/03/29 02:18
\$23	2	(measur\$4 or determin \$4 or evaluat\$4) near5 "fill level" near5 (viscosity and density) near5 (container or tube or pipe or vessel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:12
S24	2	("20050140522"   "5533381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 00:17
<b>S2</b> 5	6	("5533381").URPN.	USPAT	OR	ON	2009/11/18 00:18
S26	2	"5813280".pn.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S27	1	10/591297	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	WON	2009/11/18 00:22
S28	2	"5232062".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S29	0	oscillat\$4 near3 load adj3 (cell or bearing) near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S30	102	oscillat\$4 near5 (inner or outer) adj3 rod	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22

S34	4	(resonator or sensor or transducer)same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S35	4	(resonator or sensor or transducer) same oscillat\$4 near5 (inner or outer) adj3 rod	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S36	12	("5973415").URPN.	USPAT	OR	ON	2009/11/18 00:22
S37	54	(tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2009/11/18 00:22
S38	4	oscillat\$4 near5 (tun\$4 or resonator) near5 piezo near5 electrode	USPAT	OR	ON	2009/11/18 00:22
S39	2	"5813280".pn.	US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S40	1	10/591297	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S41	34	("20020101253" "3170094"   "3377794" "3385104"   "440726" "4633119"   "4740726" "5531126"   "5808397"   "5813280"   "5973415"   "6094971"   "6404209"   "6658946"   "6658946"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S42	2	"4740726".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22

S43	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 00:22
S44	45	("5531126").URPN.	USPAT	OR	ON	2009/11/18 00:22
S45	4	(resonator or sensor or transducer)same oscillat\$4 near5 (inner or outer) adj3 rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	S	2009/11/20 18:03
S46	56	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 (container or tank or vessel or tube or pipe) same (viscosity or density or fill adj3 level)	US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:15
S47	1	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 variable adj3 stiffness	US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:16
S48	1	(oscillat\$4 adj3 rod or tuning adj3 fork) same variable adj3 stiffness	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:17
S49	212	(oscillat\$4 adj3 rod or tuning adj3 fork) same stiffness	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:17
S50	4	(oscillat\$4 adj3 rod or tuning adj3 fork) same stiffness same (fluid adj3 flow or flowmeter or flow adj1 meter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:18
S51	382	(oscillat\$4 adj3 rod or tuning adj3 fork) same mechanical adj3 oscillat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:30

S52	60	(oscillat\$4 adj3 rod or tuning adj3 fork) near5 mechanical adj3 oscillat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	00 	2009/11/20 22:30
S53	104	(oscillat\$4 adj3 rod or tuning adj3 fork or rod) near5 mechanical adj3 oscillat\$4	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:30
S54	5	(oscillat\$4 adj3 rod or tuning adj3 fork or rod) near5 mechanical adj3 oscillat\$4 near5 piezoelectric	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/20 22:31
S55	16	("5408168").URPN.	USPAT	OR	ON	2009/11/20 23:00
S56	2	"6644116" pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 16:09
S57	2	"7436100".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 16:53
S58	1	10/591297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:37
S59	2	"5813280" pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:38
S60	2	"7436100".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2010/09/27 08:51

S61	267817	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency same match \$4 resonant near5 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:56
S62	166421	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:57
S63	65455	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:58
S64	64836	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (oscillat\$4 adj3 rod or rod) near5 temperature near5 chang\$4	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		2010/09/27 08:58
<b>S</b> 65	64830	(tuning or calibrat\$4) near5 unit near5 (alter \$4 or chang\$4) frequency near5 match \$4 resonant near5 frequency near5 (roscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 08:59
S66	0	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4 near5 resonant near5 frequency near5 (oscillat\$4 ad]3 rod or rod) near5 opposite ad]3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:00
S67	0	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4 same (oscillat\$4 adj3 rod or rod) near5 opposite adj3 phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:00

S68	39	(tuning or calibrat\$4) near5 unit near5 frequency near5 match \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:00
S69	64	(calibrat\$4 or alter\$4 or chang\$4) near5 stiffness near5 tuning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:06
S70	2	(calibrat\$4 or alter\$4 or chang\$4) near5 stiffness near5 tuning near5 (oscillator or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2010/09/27 09:06
S71	74	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:23
S72	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning near5 (alter\$4 or chang\$4) near5 stiffness	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:23
S73	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning same (alter\$4 or chang\$4) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OO	2010/09/27 09:24
S74	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 tuning near5 stiffness	US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	v.::OS	2010/09/27 09:24
S75	0	tuning same stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:24

S76	2	"5796011".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	OR	ON	2010/09/27 09:25
S77	913	(chang\$4 or alter\$4 or adjust\$4) near5 (resona \$4 or frequency) near5 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:29
S78	0	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) near5 (chang\$4) near5 (resona \$4 or frequency) near5 stiffness	FPRS; EPO; JPO;	OR	ON	2010/09/27 09:30
S79	4	(ultrasonic or ultrasound) near5 (sens \$4 or detect\$4) same (chang\$4 or alter\$4 or adjust\$4 or ear5 (resona \$4 or frequency) near5 stiffness	FPRS; EPO; JPO;	OR	ON	2010/09/27 09:30
S80	4	tuning near5 variable adj3 stiffness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 09:41
S81	2	"7231826",pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 12:02
S82	4	"3553638",pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 12:22
S83	2	"7072244" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 12:39

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